

ABSTRACT OF THE DISCLOSURE

5

A device for sealing and anchoring within a tubular member. The device comprises a top swage member disposed within the tubular member, with the top swage member having a longitudinal center of axis. Also included is a first sealing member disposed about the top swage member, with the first sealing member containing a first plurality of circumferential ribs disposed about the first sealing member. The device may also include a second sealing member that is attached to the first sealing member, with the second sealing member containing a second plurality of circumferential ribs disposed about the second sealing member. A bottom swage member is disposed within the second sealing member, with the bottom swage member having a longitudinal center of axis. The device further comprises a setting apparatus for driving the top swage longitudinally downward relative to the top swage's longitudinal center axis and for driving the bottom swage longitudinally upward relative to the bottom swage's center axis. In the preferred embodiment, the top swage member has a first cylindrical surface that extends to a second conical surface, and wherein the first cylindrical surface is disposed within the first sealing member. Additionally, the bottom swage member will have a first cylindrical surface that extends to a second conical surface, with the first cylindrical surface being disposed within the second sealing member. A method of anchoring and sealing a device within a tubular member is also included.

20